

**Abstract**

*In vitro* methods of determining whether or not an individual has metastasized colorectal cancer cells are disclosed. *In vitro* methods of determining whether or not tumor cells are colorectal in origin are disclosed. *In vitro* kits for practicing the methods of the invention and to reagents and compositions useful to practice the methods, for example as components in such *in vitro* kits of the invention are provided. Methods of and kits and compositions for analyzing tissue samples from the colon tissue to evaluate the extent of metastasis of colorectal tumor cells are disclosed.